

The Premiere Entertainment Notebook PC.**SUMPTUOUS DESIGN**

From the moment you take it out of its box, you'll notice the VAIO® AR Digital Studio™ Notebook is more than just a device, it's a showpiece. First of all, it's gorgeous. With its black exterior and sleek profile, interfaces and ports that are easily accessible yet stylishly and discreetly integrated; this beauty is the ultimate in portable entertainment performance.

MULTIMEDIA POWERHOUSE

With optional Blu-ray Disc™ support and Microsoft® Windows® XP Media Center Edition 2005, you can view your movies and photos with stunning clarity and brilliant, true-to-life color. NVIDIA® GeForce® Go 7600 series graphics and GDDR3 memory deliver advanced graphics performance for immersive game play. You're also ready to capture and edit 1080i HD camcorder content. A built in camera and microphone means it's conference and VoIP ready¹². Multimedia shortcut keys at your fingertips make it easy to control your entertainment. It's the ultimate notebook PC for the A/V enthusiast.

FEATURING A STUNNING AND EXCEPTIONAL WIDESCREEN DISPLAY.

The VAIO® AR Digital Studio™ Notebook features a stunning 17" WUXGA (1920x1200) or WXGA+ (1440x900) widescreen display⁸ with Sony's original XBRITE-HiColor™ LCD technology. It delivers deep blacks and bright whites, true-to-life color, and razor-sharp detail. And with a glare filter and anti-reflective coating to minimize reflection, you'll experience a beautifully clear image. It's the ideal way to view DVDs and play games.

The luxuriously designed VAIO® AR Series notebook PC is the ultimate performer. With a 17" WUXGA or WXGA+ display⁸, HDMI™ output, optional Microsoft® Windows® XP Media Center Edition 2005 or XP Professional, NVIDIA® GeForce® Go 7600 Series graphics, optional Blu-ray Disc™ support and Intel® Core™ Duo performance, you will experience entertainment and gaming like never before. The VAIO® AR Notebook is a "Windows Vista™ Premium Ready" PC.



XBRITE-HiColor™

Specifications

General

Computer Type: Notebook
Type of Use: Desktop Replacement
Action Buttons: S1, S2, AV Mode, Volume, Mute, Eject,
Play/Pause/Stop, Wireless LAN On/Off, FF and Rewind
Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 86 keys with 2.5mm stroke and 19.05mm pitch
Camera: Built-in camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor T7600 (Configuration 1),

Intel® Core™ 2 Duo Processor T7400 (Configuration 2),

Intel® Core™ 2 Duo Processor T7200 (Configuration 3),

Intel® Core™ 2 Duo Processor T5600 (Configuration 4) or

Intel® Core™ 2 Duo Processor T5500 (Configuration 5)

Speed: 2.33GHz¹ (Configuration 1),

2.16GHz¹ (Configuration 2),

2GHz¹ (Configuration 3),

1.83GHz¹ (Configuration 4) or

1.66GHz¹ (Configuration 5)

Front Side Bus Speed: 667MHz

L2 Cache: 4MB (Configurations 1-3) or

2MB (Configurations 4-5)

Technology: Intel® Centrino® Duo Mobile Technology

Memory

Type: DDR2 SDRAM

Installed: 2GB (1GBx2) PC2-4200, 1GB (1GBx1) PC2-4200, 1GB
(512MBx2) PC2-4200 or 512MB (512MBx1) PC2-4200

Maximum: 2GB

Speed: 533MHz

Hard Drive

Capacity: 400GB² (200GBx2) (Configuration 1),

320GB² (160GBx2) (Configuration 2),

240GB² (120GBx2) (Configuration 3),

200GB² (100GBx2) (Configuration 4),

160GB² (80GBx2) (Configuration 5),

200GB² (Configuration 6),

160GB² (Configuration 7),

120GB² (Configuration 8),

100GB² (Configuration 9),

80GB² (Configuration 10) or

60GB² (Configuration 11)

Speed: 4200rpm (Configurations 1-2, 6-7)

5400rpm (Configurations 3-5, 8-11)

Interface: Serial ATA

Technology: RAID Technology for Dual Hard Drive 80GBx2 and
above

Optical Drive#1

DVD+R DL Write: 4x max.

DVD+R Write: 8x max.

DVD+RW Write: 8x max.

DVD-R Write: 8x max.

DVD-RW Write: 6x max.

CD-R Write: 24x max.

CD-RW Write: 16x max.

DVD±RW: Yes⁴

CD Read: 24x max.

DVD Read: 8x max.

DVD-RAM Write: 5x max.

DVD-R DL Write: 4x max.

BD-R Read: 1x max. (Blu-Ray Disc™ only)

BD-R Write: 1x max.¹⁵ (Blu-ray Disc™ only)

BD-RE Write: 1x max.¹⁵ (Blu-ray Disc™ only)

BD-ROM Read: 16x max. (Blu-ray Disc™ only)

BD-RE Read: 1x max. (Blu-ray Disc™ only)

DVD-RAM Read: 5x max.

Blu-Ray Disc® Support: Optional¹⁵

Can only be selected with the following criteria: 17" WUXGA with
7600GT graphics, RAID Technology and Dual Hard Drives, CPU
processor 7200 or higher and 1GB memory or larger

Expansion Slots

Multimedia Card Reader: Supports optional Memory Stick® and
Memory Stick DUO™ media⁵ with MagicGate® functionality and
Secure Digital Media (SD)

One PCMCIA - Type II/Type I card slot with CardBus support

One ExpressCard™ /54 Slot

Audio

Sound System: Sony® Sound Reality™ - Audio Enhancer

Display

Screen or Display Technology: WUXGA or WXGA+

Screen Size: 17"¹⁶

Resolution: 1920x1200 WUXGA (available with 7600GT graphics) or
1440x900 WXGA+ (available with 7600 graphics)

XBRITE-HiColor™ Technology: Yes

Graphics

Processor: NVIDIA® GeForce® Go 7600GT or

NVIDIA® GeForce® Go 7600

Video RAM: 256MB of dedicated Video RAM (7600GT) or 128MB of
dedicated Video RAM (7600)

Chipset: Intel® 945PM

Interface: VGA out w/ Smart Display Sensor, HDMI out and S-Video
out

TV Tuner: NTSC Tuner (available only with MCE)

Inputs and Outputs

Ethernet Port: 1

HDMI™ Connection Output(s): 1

Headphone Jack: 1

i.LINK® Interface: 1 (4pin) i.LINK® connector (IEEE 1394)⁶

Modem Jack: 1

Microphone Input: 1

Port Replicator Connector(s): 1

S-Video Output(s): 1

USB Port(s): 3 (2.0 compliant)

VGA Output(s): 1

S/PDIF Output(s): 1

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)

Ethernet Speed: 10Base-T/100Base-TX

Modem Type: Integrated V.92/V.90 Modem with (RJ-11)

Wireless LAN: Intel® PRO/Wireless 3915ABG Network Connection
(802.11a/b/g)³

Bluetooth® Technology: Integrated Bluetooth® Technology¹⁵ or no
integrated Bluetooth® Technology

Power

Battery Type: Standard Capacity Battery (VGP-BPS2C) or

Large Capacity Battery (VGP-BPL2C)

Estimated Battery Life: 1.5-3.0 hours⁷ with standard battery

2.5-4.0 hours⁷ with large capacity battery

Power Requirements: 150W+10%

Software

Operating System: Microsoft® Windows® XP Media Center Edition
2005 with Update Rollup 2 or

Microsoft® Windows® XP Professional with Service Pack 2

Internet Services: AOL Online™ 180-Day Trial (New Users Only)

Anti-Virus and Recovery Software: Norton® Internet Security 60-
Day Trial

TrendMicro™ Anti-Spyware 30-Day Trial

Supplied Software: InterVideo® WinDVD®

Roxio® DigitalMedia SE

Microsoft® Works 8.5

60-Day Trial Version of Microsoft® Office 2003¹³

60-Day Trial Version of Microsoft Digital Image Starter Edition
2006¹⁴

Intuit Quicken® 2005 New User Edition

Sony® Original Software: Click to DVD® - DVD Creation

SonicStage Mastering Studio™ - Audio Mastering and
Remastering

SonicStage® - Digital Music

DVgate™ Plus - Digital Video

VAIO Media™ - Network File Sharing

Image Converter - PSP™ Transfer

Trial Version of Sony® Popular Games

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance,
available 24/7¹¹

Limited Warranty and Onsite Service: 1 Year Limited Warranty
with Onsite Service⁹

Online and Email Support: Support available from
<http://www.esupport.sony.com>

Dimensions

Weight: 8.4 lbs. (weight is approximate and may vary)

Measurements: 16.4"(W) x 1.32"(H) x 11.8"(D)

Supplied Accessories

Standard Lithium-ion Battery (VGP-BPS2C) or Large Capacity Lithium-
ion Battery (VGP-BPL2C)

AC Adapter (VGP-AC19V15)

Power Cord

Remote and IR Receiver (only with Microsoft® Windows® XP MCE
option)

Optional Accessories

Multi-Function Docking Station (VGP-PRFE1)

Universal Carrying Case (VGP-AMB1)

80GB² HDD Drive Bay Unit (VGP-UH8X08A)

Neoprene Notebook and AC Adapter Case (VGP-AMC2)

Color: Glossy Black

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires compatible wireless LAN access point. Internet connection may require fees.
4. DVD Media/Formats are not universally compatible.
5. Supports Memory Stick PRO™ high-capacity media tested up to 1GB. Does not support MagicGate® functionality.
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
8. Viewable area measured diagonally.
9. When available, Sony will provide Onsite Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all locations.
10. Use of this Bluetooth enabled product with other devices may vary as not all Bluetooth devices are compatible.
11. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
12. Broadband connection is required along with third party services which may require a subscription fee and other service fees.
13. The Microsoft® Office 2003 60-Day Trial software is intended for evaluation purposes only. This trial software is installed on your system and you must activate the software before you can use it. Product activation procedures will be detailed during initial launch of the software; activation requires Internet access. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-use options and operations.
14. The Microsoft Digital Image Starter Edition 2006 60-Day Trial software included with this computer system is intended for evaluation purposes only. The software has been partially installed and you must complete installation of the software before you can use it. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-user options and operations. **Last Updated: 07/19/2007**
15. As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray Disc™ media playback. VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates.